6514942
5840839

Claims

1. A peptide consisting of the amino acid sequence:

His-Leu-Tyr-Gln-Gly-Cys-Gln-Val-Val (Seq. ID No. 1);

Pro-Leu-Gln-Pro-Glu-Gln-Leu-Gln-Val (Seq. ID No. 2);

Pro-Leu-Thr-Ser-Ile-Ile-Ser-Ala-Val (Seq. ID No. 3);

Ile-Leu-Leu-Val-Val-Val-Leu-Gly-Val (Seq. ID No. 4);

Leu-Leu-Val-Val-Val-Leu-Gly-Val-Val (Seq. ID No. 5);

Arg-Leu-Leu-Gln-Glu-Thr-Glu-Leu-Val (Seq. ID No. 6);

Cys-Leu-Thr-Ser-Thr-Val-Gln-Leu-Val (Seq. ID No. 7);

Asp-Leu-Ala-Ala-Arg-Asn-Val-Leu-Val (Seq. ID No. 8);

Val-Leu-Val-Lys-Ser-Pro-Asn-His-Val (Seq. ID No. 9);

Thr-Leu-Ser-Pro-Gly-Lys-Asn-Gly-Val (Seq. ID No. 10);

Gln-Leu-Met-Pro-Tyr-Gly-Cys-Leu-Leu (Seq. ID No. 15);

Asp-Leu-Leu-Glu-Lys-Gly-Glu-Arg-Leu (Seq. ID No. 20);

Asp-Leu-Val-Asp-Ala-Glu-Glu-Tyr-Leu (Seq. ID No. 23);

or a peptide of an amino acid sequence of Seq. ID No. 1-10, 15, 20 or 23 and up to four amino acids, from the HER-2/*neu* polypeptide (Seq. ID No. 68) which amino acids are adjacent to the carboxyl terminus of the peptide, are added to the carboxyl terminus of the peptide with or without prior removal of the number of amino acids from the carboxyl terminus equal to the number added.

2. A peptide according to claim 1 wherein the sequence is His-Leu-Tyr-Gln-Gly-Cys-Gln-Val-Val (Seq. ID No. 1).

3. A peptide according to claim 1 wherein the sequence is Pro-Leu-Gln-Pro-Glu-Gln-Leu-Gln-Val (Seq. ID No. 2).

4. A peptide according to claim 1 wherein the sequence is Pro-Leu-Thr-Ser-Ile-Ile-Ser-Ala-Val (Seq. ID No. 3).

5. A peptide according to claim 1 wherein the sequence is Ile-Leu-Leu-Val-Val-Val-Leu-Gly-Val (Seq. ID No. 4).

6. A peptide according to claim 1 wherein the sequence is Leu-Leu-Val-Val-Val-Leu-Gly-Val-Val (Seq. ID No. 5).

7. A peptide according to claim 1 wherein the sequence is Arg-Leu-Leu-Gln-Glu-Thr-Glu-Leu-Val (Seq. ID No. 6).

8. A peptide according to claim 1 wherein the sequence is Cys-Leu-Thr-Ser-Thr-Val-Gln-Leu-Val (Seq. ID No. 7).

9. A peptide according to claim 1 wherein the sequence is Asp-Leu-Ala-Ala-Arg-Asn-Val-Leu-Val (Seq. ID No. 8).

10. A peptide according to claim 1 wherein the sequence is Val-Leu-Val-Lys-Ser-Pro-Asn-His-Val (Seq. ID No. 9).

11. A peptide according to claim 1 wherein the sequence is Thr-Leu-Ser-Pro-Gly-Lys-Asn-Gly-Val (Seq. ID No. 10).

12. A peptide according to claim 1 wherein the sequence is Gln-Leu-Met-Pro-Tyr-Gly-Cys-Leu-Leu (Seq. ID No. 15).

13. A peptide according to claim 1 wherein the sequence is Asp-Leu-Leu-Glu-Lys-Gly-Glu-Arg-Leu (Seq. ID No. 20).

14. A peptide according to claim 1 wherein the sequence is Asp-Leu-Val-Asp-Ala-Glu-Glu-Tyr-Leu (Seq. ID No. 23).